

FERMILAB NEWS

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CHEERS, TEARS MARK GOLDWASSER TRIBUTE

Parting, Shakespeare said, is "such sweet sorrow."

And a bittersweet parting took place at Fermilab last Thursday. About 3 p.m., an estimated 500 employees, visitors and others from all parts of the site and nation gathered in the cafeteria to say farewell to departing Fermilab deputy director Edwin L. "Ned" Goldwasser and his wife, Liza. The standing-room only assembly said: Ned and Lizy, you will be missed but go with our best wishes.

Dr. Goldwasser, a Fermilab creator and deputy director since the facility's founding in 1967, will leave Sept. 1. He will become the new vice chancellor for research and dean of the graduate school of the University of Illinois-Champaign. In addition to administrative duties, the deputy director was actively involved with scheduling of the experimental program and programs implementing equal employment opportunity.

The farewell reception opened with a receiving line for the Goldwassers. Refreshments were contributed and served by a host of volunteers. After a social time, the formal program got underway with acting director Philip V. Livdahl in charge.

Livdahl welcomed the audience and then introduced a series of speakers. In order, they were:

--Physicist Peter Koehler who presented a five-speed bicycle from friends. The 26-inch bike, complete with generator light, luggage rack and 25 reflecting Fermilab logos, featured a special chain guard for riding in a business suit.

--Fred Mattmueller, former Atomic Energy Commission member, recalled working with Goldwasser in 1967.

--Russ Huson, Accelerator Division head, presented a plaque bearing cross sections of main ring magnets and proposed Energy Doubler magnet cores.

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...E.L. Goldwasser admires new bicycle...



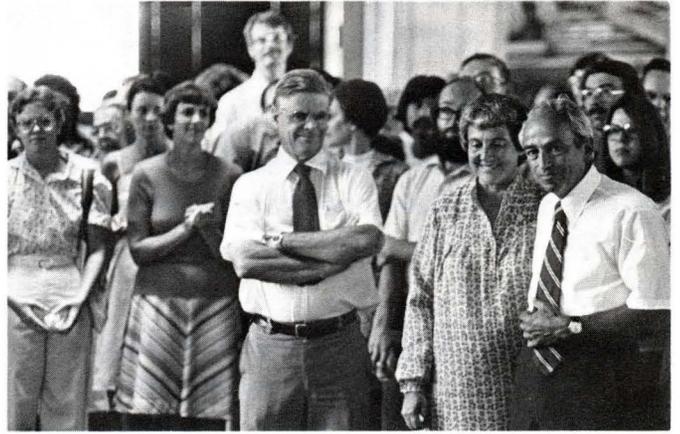
...P. Livdahl (R) helps E.L. Goldwasser unwrap gift...



...Dr. Goldwasser displays three-dimensional logo...



...T. Toohig (R) congratulates Liza, Ned Goldwasser...



GOLDWASSER TRIBUTE (Continued)

--Milton White, Chairman, Board of Trustees, Universities Research Association, said, "We always counted on Ned to present extremely well-documented studies of Lab problems."

--John McCook, Associate Director for Administration, presented an album of photos and clippings covering Goldwasser's career at Fermilab.

--Norman Ramsey, URA president, cited Goldwasser for his judgment, person and consideration for all Laboratory people. "Ned thought deeply and conscientiously about everyone," Dr. Ramsey said.

--Tim Toohig presented a large color aerial of the site on behalf of Research Division friends.

--Henry Hinterberger, Technical Services, presented a photo album.

--Jose Poces, Model Shop, gave a solid copper three-dimensional Laboratory logo to Dr. Goldwasser.

--John Peoples, Research Division, announced that a grove of trees will be planted west of Casey's Pond to honor the departing deputy director.

--Former Director R.R. Wilson capped presentations with an antique breakfront from the Laboratory community, and Mrs. Wilson read an original poem.

Goldwasser, Dr. Wilson said, brought to Fermilab a unique combination of scientific knowledge, intuition and talent for scientific administration. "Ned has helped to create a scientific and human climate at Fermilab for science to flourish," Wilson said. "He has contributed to morale, mutual pride, friendship and human dignity because he has cared so much."

"It's not going to be goodbye for me," Dr. Goldwasser responded. "I could never close off a part of my life which is the most important that I've had. I hope to be back from time to time.

"I know that the Lab will grow," he said. "Times have been hard the last six months but I feel it's all coasting downhill from here--it's going to be a beautiful doubler and a beautiful Laboratory.

"I want to thank all of you. Anything I've accomplished here has been because of you. I've been a middle man; I've tried to be a bridge between people to make it all work," Dr. Goldwasser said.

BULLETIN: FERMILAB TV SPECIAL REPEATS SEPT. 3

"The Quark Hunters," a CBS TV-Chicago (Channel 2) feature on Fermilab, will be re-broadcast at 10:30 p.m. on Sunday, Sept. 3. The Laboratory is spotlighted in the "Two on Two" weekly series. First aired Jan. 29, "The Quark Hunters" focuses on discovery of the new "Upsilon" subatomic particle, how it happened at Fermilab and what it means to non-scientists. An explanation of the Energy Doubler project is included.

PHYSICS APPARATUS AS ART

Beauty can be found in apparatus used for high energy physics experiments. As proof is a new art exhibit in the Central Laboratory second floor lounge. Arranged by the Auditorium Committee, the display features designs formed from components of accelerator magnets, control instruments and other components contributed by the Magnet Facility and Accelerator Division. The display will be on view at no charge until about Oct. 1.



...J. Poces creates physics apparatus art...

FERMILAB FUNDING UPDATE

Recent funding decisions in Washington are expected to slow Fermilab's Energy Doubler project.

In a House/Senate conference committee compromise on public works funding, the Doubler project was funded at \$12 million--\$8 million less than the Laboratory requested. Some \$57.8 million in operating funds is underwritten, the amount recommended in President Carter's budget and less than 1977's \$60 million.

The conference committee report must be approved by the House and Senate. It is expected to be approved because it contains funding for all federally-supported public

works projects.

Fermilab officials had requested \$20 million in the fiscal year starting Oct. 1 to keep the Doubler project on schedule. Increased funding, said acting director Philip V. Livdahl, would have allowed Fermilab to make purchases now to avoid cost increases expected during the three-year construction period. Also, Fermilab will begin saving \$5 million annually in electricity bills when the Doubler becomes operational.

"Inflation will take its toll," added John Mc Cook, associate director for administration. The project will cost more in the long run, he pointed out, because it will move forward more slowly. He expressed appreciation to members of Congress who supported increased funding.

In the appropriation bills compromise, House/Senate conferees followed closely Department of Energy recommendations which Fermilab's administration felt were less than needed. Conferees stayed close to the Senate version that provided \$10 million for the Doubler and \$57.8 million for operations (exact DOE recommendations). Former Fermilab Director, R.R. Wilson, resigned in February to protest the recommendations.

The Doubler project will add a ring of superconducting magnets around the accelerator's four-mile ring. The superconducting ring will double maximum energy achievable while requiring less current than conventional magnets.

GROUP INSURANCE PLAN BOOKLET ISSUED

Group insurance benefits for Fermilab employees are detailed in a new booklet distributed to each plan participant recently. Connecticut General Life Insurance Co., Laboratory group insurance plan carrier, prepared the booklet. The publication was distributed via interoffice mail. If you didn't receive your copy, contact the Personnel Department or Ralph Wagner at Ext. 3395.

Inter/National Film Society Presents

A Silent Film Festival
"THE LONEDALE OPERATOR"

"THE TRAMP"

"THE GENERAL"

Friday, August 25

8 p.m.

Fermilab Auditorium

"The Tramp," (1915) is considered the first Charlie Chaplin classic. Pathos and comedy are interwoven as Charlie rescues a girl from robbers, falls in love with her, and gives her up when her fiance arrives. (25 min.)

"The Lonedale Operator," (1911) was directed by D.W. Griffith, and is one of the most suspenseful and technically advanced of the films which Griffith made for Biograph. Blanche Sweet plays a telegraph operator who is held up by bandits. In the famous climax, 66 rapid scenes depict the heroine's dangerous plight and the hero's rush to get back to the depot in time to save her. (11 min.)

"The General," (1927) is Buster Keaton's most famous film and is considered by film historians to be the last truly classic comedy of the silent era. Refused enlistment in the Confederate army because he is considered essential as a civilian railroad engineer, Johnny Gray (Keaton) proceeds single-handedly, to win the war--almost--when his beloved locomotive "The General" is kidnapped in a spy raid and he invades the Northern lines to get it back. (76 min.)

NOTE: New soundtracks, with sound effects and music that approximates the original scores which accompanied these films, have been added.

Admission: \$1.50 for adults; 50¢ for children

FAMILY DAY TOUR HAS OPENINGS

Openings exist in the second of two "Family Day" guided tours of Fermilab. Friday, Aug. 25, is the date.

A 90-minute excursion gets underway at 10 a.m. in the Central Laboratory atrium. The tour will be open to Fermilab employee family members and guests. There is no charge.

The tour opens with a slide program. During a walking portion, visitors will see the Cockcroft-Walton preaccelerator, linear accelerator, Cancer Therapy Facility, main control room, and exhibits and displays on the 15th floor of the Central Laboratory.

Reservations are requested. To sign up, call Ext. 3353.

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F.A.S.T. CLASS STARTS SEPT. 12

Applications are being accepted for Vacuum Technology I, a Fermilab Applied Skills Training (F.A.S.T.) class starting Sept. 12.

The course will meet through Nov. 2 from 4 to 6 p.m. on Tuesdays. Jim Humbert (Magnet Facility) will be the instructor.

Vacuum gauging, use of mechanical diffusion and ion pumps, gasketing and use and maintenance of leak detectors will be covered. Applications are available in Personnel, CL-6E/Ext. 3324.

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NALREC CORN ROAST FRIDAY

Crunch some sweet corn, flip a buffalo chip, call a hog--all at NALREC's fall corn roast Friday (Aug. 25).

The all-Laboratory event is set for 5:15 p.m. at the Village recreation area. Food service including fresh roasted corn, hotdogs and beverages, will be available for a nominal fee. Following up the food will be two unique contests open to all.

Separate trophies will be awarded to the Fermilab man and woman tossing a buffalo chip the farthest. Contestants will choose their chips. Complimentary gloves will be available. Contest No. 2 will be for hog callers. A trophy will be awarded to the Laboratory's finest in that speciality.

Food tickets will be three for \$1. Admission is free. Y'all come!

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